

79
Some Problems of Input-Output of Data in
a Raytheon Desk Computer, by N. E. Chirkin,
I. Ya. Buravaya and A. P. Shartakov, II. SP-
SUSSEAN, per, Technical Note on the
recovery program, No 1, 1968, pp.
48-57.
JPRS 30392

UNDER
Sci-Math/18
Jul 69

Sci. 97

77
Table Model of an Electronic, Key-
Operated Computer, A. M. Shchenn,
M. K. Chirkov, 10 pp.

RUSSIAN, per, Kafedra Vychislitel'noy
Matematiki i Vychislitel'noy Inzhn.
Vychislitel'naya Tekhnika i Pochasny
Programirovaniya, No 1, 1962,

pp 3-10

P100199768-V

FTT-RT-67-36

M. K. Chirkov
Sci-Electro/Electri Engr
Sep 68

364.177

(NY-4341)

The Effects of a Large-Amplitude Radiofrequency
Pulse on a Self-Excited Oscillator, by M. K.
Chirkov, P. N. Zavadvorov, 14 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Radiofiz,
Vol II, No 3, 1959, pp 473-482.

JPRS 5970

Sci

Nov 60

133,549

33
The Effect of the Energy of Electromagnetic Waves
of Sound Spectrum on the Catalase Activity, by
N. M. Chirkov, 8 pp.

RUSSIAN, per. Trudy Voronezhskogo Otdeleniya
Vsesoiuznogo Fiziologicheskogo Obshchestva in.
I. P. Pavlova, 1964, pp 25-31.
Dept of Navy/NRS/1568

N. M. Chirkov

Sci/B&M
Feb 71

Polymerization of Tetrafluoroethylene at
Sub-Atmospheric Pressures, by T. Malyutova,
N. Chirkov.

RUSSIAN, per, ~~Vysokomolokulyarnaya Soedineniya~~
No. 6, No. 9, 1964, pp 1717-1721
OSRD/No. 7271

N. Chirkov

Sci -
Aug 67

336-141

Differences in the Formal Kinetics of High and Low Temperature Oxidation of Ethane. 1. Kinetics of Reaction of Slow Oxidation of Ethane at Temperature Up to 400°, by N. M. Chirkov, S.G. Butalis, 15 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXII, No 8, 1948, pp 930-940.

SLA 60-13883

195,980

Sci
Vol 4, No 10
May 62

Determination of the True Rate Constants for the
Decomposition of Alkoxonium Ions in the Reaction
Between Aliphatic Alcohols and Hydrogen Chloride,
by V. I. Tsvetkova, A. P. Firsov, N. M. Chirkov,
4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 9,
1960, pp 2066-2074.

Cleaver-Hume Press

Sci

Aug 61

167,075

Kinetics of the Polymerization of Isobutylene in
the Presence of the Addition Compound of Boron
Trifluoride With Ether, by M. I. Vinnik, G. E.
Manelis, G. V. Apple, N. M. Chirkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp ~~98~~ 98-100.

Consultants Bureau

Sci - Chem

May 59

87,030

The Absorption of Hydrogen Chloride and
Hydrogen Bromide by Aqueous Solutions of
Orthophosphoric Acid, by S. G. Entelis and
N. N. Chirkov, 14 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXX, 1956,
pp 2568-2579.

SLA R-2138

Sci

Aug 58

72,126

Kinetics of the Acid-Catalyzed Decarbonylation of
Benzoylformic Acid, ¹/₂ M. I. Vinnik, R. S. Ryskova,
N. M. Chirkov, 4 pp.

RUSSIAN, ~~1957~~, Dok Ak Nauk SSSR, Vol CXVII, No 6,
1957, pp 1017-1020.

Consultants Bureau

Sci - Chem

Oct 58

74,680

The Thermodynamics of the Protonization of
Isobutene, by S. G. Entelis, K. S. Kazanskiy,
N. M. Chirkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 5, 1960, pp 1152-1155.

CB

Sci

Apr 61

149,134

The Kinetics of the Formation of Alcohol and Alkyl Acid in the Reaction of Propylene and Aqueous Sulfuric Acid, by S. G. Entelis, V. E. Petrakovich, G. V. Korovina, N. M. Chirkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6, 1957, pp 843-.

Consultants Bureau

Sci - Chemistry
Jul 58

68,572

USSR/ Sci

Surface Conductivity of Solid Dielectrics, by N. Chirkov
RUSSIAN, per, Journal of Physical Chemistry, Vol ~~22~~ XXV,
1947.

AEC Tr

CIA/FDD/X-155

Sci/Chem

C

Oxidation of Hydrocarbons in the Gas Phase. / Oxidation
of Ethylene and the Negative Action of Chains, by N. ~~E~~
Chirkov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LVII, No
9, 1947, p 915.

AEG Tr 351

Feb cts
pp 915-918

also DRB-IT-166

Kinetics of Oxidation of Ethane, by M. N.
Chirkov, S. G. Engel's, 29 pp.

RUSSIAN, bk, Kinetika Tsepnykh Reaktsiy Okisleniya,
publ by Publ House of the Academy of Science of
USSR, Leningrad/Moscow, 1950.

CIA C 42920

36,772

Sci - Chemistry

Jul 1956

Kinetics and Mechanism of Reactions in Concentrated
Solutions of Strong Acids, II. Kinetics of the Decar-
boxylation of Phenylglyoxylic (Benzoylformic) Acid
Catalysed by Sulphuric Acid, by M. I. Vinnik, R. S.
Ryabova, N. M. Chirkov, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 12,
1959, pp ~~2668-2670~~.
2677-2686.

Cleaver-Hume Press

Sci

127,863

Sep 60

Kinetics of the Nucleophile Replacement of Chlorine
in Phenyl β -Chlorovinyl Ketone, by ~~XX~~ T. A. Kudrya
tseva, N. M. Chirkov, N. K. Kochetkov, 4 pp.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Vol CXXVII, No 1,
pp 108-110.

Consultants Bar

Sci
Aug 60

126,378

Chirkov, N.

OXIDATION OF GASEOUS HYDROCARBONS

I. CATALYTIC ACTION OF WATER VAPOR IN
THE OXIDATION OF ETHANE. [1961] [2] 3 refs.
Order from OTS or SLA \$1.10 61-18197

Trans. of [Akademiya Nauk SSSR]. Comptes Rendus
(Doklady) de l'Academie des Sciences de l'U. R. S. S.,
1944, v. 45, p. 244-247.

DESCRIPTORS: *Hydrocarbons, Oxidation, *Ethanes,
Catalysts, Water vapor, Chemical reactions.

In the oxidation of ethane in stoichiometric proportions
with oxygen the reaction rate at a temperature of 466
and 486°C depends upon the quantity of the substance
that has reacted and upon the quantity of water vapour
added. It is impossible to explain the acceleration of
the reaction by the catalytic action of water alone,
some kind of intermediate products exist that cause the
(Chemistry--Organic, TT, v. 6, no. 7) (over)

61-18197

I. Chirkov, N.

II. *Title: Catalytic...

Office of Technical Services

Chirkov, N.
OXIDATION OF [GASEOUS] HYDROCARBONS.
II. OXIDATION OF ETHANE AT TEMPERATURES
ABOVE 600° C. [1961] [2] p. 3 refs.
Order from OTS or SLA \$1.10 61-18241

Trans. of [Akademiya Nauk SSSR]. Comptes Rendus
(Otklady) de l'Académie des Sciences de l'U. R. S. S.,
1965, v. 46, p. 368-369.

DESCRIPTORS: *Hydrocarbons, *Ethanes, Oxidation,
Water vapor, Catalysts.

The induction period in oxidation of ethane was studied.
Below 600° water vapor catalyzes oxidation of ethane,
but not above this temperature. At 630° C and pres-
sures of 100-300 mm mercury the induction period of
oxidation of ethane was not affected by 3.6% water.
(Author) (See also 61-18197)

(Chemistry--Organic, TT. v. 6, no. 7)

61-18241

I. Chirkov, N.
II. Title: Oxidation of Ethane

Office of Technical Services

S-178/60

(SF-1064)

Heterogeneous Catalysis in Polymolecular Adsorption
Layers, by V. I. Gol'danskiy, N. N. Semenov, N. M.
Chirkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LII, No 9,
1946, pp 783-785.

JPRS 4081

Sci - Chem

128,424

Oct 60

~~CHIRKOV, N. M., Vinnik, M. I. and others.~~
HETEROGENEOUS ACID CATALYSIS. Jan 63 (22p.
39 refs.
Order from ICE in v. 3, no. 1, \$15.00/year

Trans. from mono. Khimicheski Kinetiki, Kataliza, i
Reaktsionnoi Spособnosti, AN SSSR, 1955.

DESCRIPTORS: *Catalysts, Reaction kinetics, Alumina-
silica catalysts, Acids, Hydrochloric acid, Alcohols,
Acetates, Acetic acids, *Chemical engineering.

(Chemistry--Physical, TT, v. 9, no. 6)

63-12691

I. Chirkov, N. M.
II. Vinnik, M. I.
III. International Chemical
Engineering, New York

230370

Office of Technical Services

Acid Properties in the System $\text{BF}_3\text{-H}_2\text{O}$, by M. I. Vinnik, G. B. Manelis, N. M. Chirkov, 9 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol II, No 7, 1957, pp 1643-1648.

AEC-tr-4057

Sci - Chemistry

Dec 60

PBT 84

134,100

The Ionization of Triphenylcarbonyl in Sulfuric
Acid Media Containing Isopropyl Alcohol, by
S. G. Entelis, G. V. Eppe, N. M. Chirkov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4, ✓
pp 826-829. 1960

CB

Thermodynamics of the Hydrochlorination of
Propylene, by S. G. Entelis, N. M. Chirkov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6
1957, pp 1318-

Consultants Bureau

Sci - Chem

Jun 58

65,704

The Problem of Preparing Pure Boron / Trifluoride, ^{6D}
by M. I. Vinnik, G. B. Menalis, R. S. Ryabova, ~~R. S.~~
Tantsyrev, and M. N. Chirkov, 8 pp.

RUSSIAN, per, Zhur Georg Khim, Vol I, No 4, 1956,
pp 628-631.

SIA R-1995
(AEC Tr-3834)

3013

Sci

71 1471

Kinetics and Mechanisms of Reactions in Concentrated Mineral Acids. I. Dehydration Kinetics of *o*-Benzoylbenzoic Acid in Concentrated Sulphuric Acid, by M. I. Veinnik, R. S. Rayabova, N. M. Chirkov, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXVIII, No 9, 1959, pp 1992-2001.

Determination of the True Rate Constants in the Decomposition of Aliphatic Alcohols, By V. I. Tsvetkova, A. P. Firsov and N. M. Chirkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,

RUSSIAN, per, Dok Ak Bank BSHH, Vol. CXXIV, No. 1,
1959, pp 139-141.

Consultants Bureau

Sci

Feb 60

108,147

The Rate of Absorption of Ethylene and Propylene
by Sulfuric Acid of Different Concentrations, by
G. V. Korovina, S. G. Entelis, N. M. Chirkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 6,
1958, pp 1038-1040.

Consultants Bureau:

Sci - Phys

Effect of Air Mass Fronts on Cosmic Ray Intensity
and Role Played by Lower Layers of Stratosphere,
by N. P. Chirkov, Yu. G. Shafer, 4.90

RUSSIAN, Trudy Yakutakogo Filial, Ser Fiz, No 3,
1960.

NASA F-67

Sci

161 90.3

Variations of Cosmic Ray Intensity in Passing
Cyclones, by N. P. Chirkov.

RUSSIAN, per, Geomagnetizm i Aeronomiya, Vol II,
No 3, 1962, pp 570, 571.

NASA TT F-63260

Sci

Jan 63

US GOV'T USE ONLY

219,828

Command Language and Effective Operations, by
P. Chirkov, 3 pp.

RUSSIAN, per, Voyennyy Vestnik, No 4, 1962.

ACSI I-0424 D
ID 2191530

Sci
22 Oct 62

213,603

ENTELIS, C. G.

Differences in the Formal Kinetics of High and Low
Temperature Oxidation of Ethane. I. The Kinetics of Slow
Oxidation of Ethane at Temperature $\leq$ up to 400° C, By N.
M. Chirkov, C. G. Entelis.

RUSSIAN, mo per, Zhur Fiz Khim, Vol XXII, No 8, 1948,
p 930. CIA D 472461 DRB-Lr 159

An Electrometric Non-Compensating Method of
Analysis, by S. I. Chirkov.

RUSSIAN, per, Zaved Lab, No 9-10, 1946
pp 777-786.

NLL Ref. 5828.4 1963 (5,574)
(Loan)

Sci - Chem
Nov 63

242,332

The Determination of Molybdenum in Steels by the
Amperometric Method Using Solid Electrodes, by
S. K. Chirkov, L. S. Stodenskaya, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 9, 1959, pp 1034-
1035.

Instru Soc of Amer

Sol
Aug 60

122,326

Determination of NaOH , Na_2CO_3 , and NaHCO_3 in Their
Mixtures by an Electrostatic Monocompensating
Method, by S. K. Chirkov, 3 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 3,
1959, pp 370-372.

Consultants Bureau

Sci-Chem

Jun 60

119,640

A Rapid Electrometric Method of Determining
Aluminium in Ores, by S. K. Chirkov.

RUSSIAN, per, Zavod Lab, Vol XIV, No 7, 1948,

DP 783-787.

CFSTI TT-65-61314

ML Ref: 5888.4 1963 (5880)
(Loan)

Sci - Chem
Jul 63

138,134

Paths of Crystallization of Isomorphous Salt
Mixtures from Aqueous Solutions, by S. K. Chir-
kov, 8 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 12,
1956, pp 2813-2819.

AEC-Tr-4593
PL-480

Sci

Mar 63

233,874

Classification of Phase Diagrams of Systems Con-
taining Two Isomorphous Salts, by S. K. Chir-
kov, 10 pp.

RUSSIAN, per, Zhur Neorgan Khimi, Vol I, No 12,
1956, pp 2803-2812.

AIC-Tr-4593
PL-480

Sci

Mar 63

233,909

Determination of Gold by an Electrometric Noncom-
pensating Method, by S. K. Chirkov, V. S. Romanova,
5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 2,
1959, pp 198-201.

CS

165,836

Soi
Sep 61

Sci/Chem

Electrometric Determination of Chlorides in Diluted
Solutions, by S. K. Chirkov.

RUSSIAN, mo per, Zavod Lab, Vol XIV, 1948, pp 1424-
1426.

AEC Tr 350

Class DRB-TT-169

Feb cts
pp 1424-6

Readhead Bill in Langley, 3 pp, by V. Chirkov.

RUSSIAN, np, Moskov Pravda, 12 May 1965.

SP 870

June 65

The Proceedings of the American Philosophical Association
in the General Session, by E. D. Robinson,
V. D. Robinson, 26 pp.

**RESEARCH, INC., NEW YORK, NEW YORK, HAS REQUESTED A
T. F. BUREAU, WFO 25, ON 1, 1970, IN THE FBI.**



Figure 1

104
Study of X-Ray E-Spectra of Titanium in Ni-
tride and Carbide, by V. I. Chirkov, et al.
RUSSIAN, per. Metals Technology vol. 9, No 4,
1967, pp 1116-1121.
NASA TT F-11,114

V. I. Chirkov

Sci-Phys
Sept 67

341,264

(DC-421A)

Oscillations of the Human Body Due to the Effect
of Vibration, by A. M. Volkov, V. Ya. Chirkov, 7 p.

RUSSIAN, per, Gig Trud i Professional Zavol,
No 5, 1960, pp 8-11.

JPRS 6233

Sci - Med

Nov 60

133,960

Estimating Potential Supplies of Grain Stocks in
the Various Economic Areas of the USSR, by
Yu. I. Chirkov and G. V. Kabanov.
Moscow, For. Affairs Press, 1963, 128 p.,
Vol. 131, no. 3-12.
AGU

Yu. I. Chirkov

Ref/Action
Aug 66

2
AGU

(FDD 28628)

Lenino-Dachnoye Agricultural Meteorological Station,
by Yu. I. Chirkov, 3 pp.

RUSSIAN, bimo per, Met 1 Gid, No 6, Moscow/Leningrad,
Nov/Dec 1955, pp 51, 52.

CIA/FDD U-68898

USER
Sci - Geophysics
Oct 56

39,731

(NY-6501)

Obtaining Nutrient Yeast Under Laboratory
Conditions, by N. Z. Kotelkov, N. M.
Belonenko, Yu. I. Chirkov, 3 pp.

RUSSIAN, per, Sel'skoye Khoz Povolzh'ya,
No 9, 1961, pp 81-82.

JPRS 11563

USSR

Econ

11 Jan 62

178,537

Methods for Forecasting Population Changes
in the Common Fox (*Vulpes Vulpes L.*), by
A. F. Chirkova.

RUSSIAN, *Nov.* Trans. Centr. Lab. Biol. and Game
Industry, No 5, Zagotakhivnir'se, Moscow, 1961,
pp 78-99. (For references, see Tr No 137)

19,904 US Dept of Interior
Tr No 132

USCR

Scientific - Biology

Nov 71 CTS

The Possibility of Gas-Phase Catalytic Synthesis
of Vinyl Acetate With the Reaction Components
in Stoichiometric Proportions, by R. M. Flid,
A. V. Chirikova, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 3,
1959, pp 660-663.

Consultants Bureau

Sci

May 60

118,214

The Mechanism of the Gas-Phase Catalytic
Reaction of Acetylene and Acetic Acid,
by R. M. Flid and A. V. Chirikova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,
No 5, 1957, pp 1256-1260.

Consultants Bureau

Sci - Chem

Sep 58

72,867

Experimental Data on Increased Resistance to Radiation
Sickness After Preliminary Administration of
Tetracyclines to Rats, by A. M. Danova, O. G. Chirchov.

9 pp.
RUSSIAN, per. Med. Radiol. Vol VIII, No 12, 1963,
pp 50-53.

JPRS 23473

Sci-Riel
May 64

251,995

Chirkova-Zalasskaya, E. F.
DIVISION OF THE TERRIGENOUS DEVONIAN OF
THE URAL-VOLGA REGION ON THE BASIS OF
FOSSIL PLANTS. 7 Apr 60 [217]p. (41 plates omitted)
39 refs.

Order from OTS or SLA \$14.50

61-15883

Trans. of mono. Delenie Terrigenogo Devona Uralo-
Povolzhya na Osnovanii Tsiklopaemykh Rastenii,
Moscow, 1957, [137p.].

DESCRIPTORS: *Paleocology, Geology, USSR.

Contents:
Description of the Devonian from the holes in the
Ural-Volga Region
Materials on the fossil plants of the Terrigenous
Devonian of the Ural-Volga Region.

(Earth Sciences--Geology, TT, v. 7, no. 5)

61-15883

I. Chirkova-Zalasskaya, E. F.
II. Geological Survey of Canada

197029

Office of Technical Services

Chirkova-Zaleskaya, E. F.
PETROLEUM AND GAS CONTENT OF THE URAL-
VOLGA PROVINCE. 30 Mar 60, 15p. 9 refs.
Order from OTS or SLA \$1.60 61-15893

Trans. of mono. Subdivision of the Terrigenous
Devonian of the Ural-Volga Region on the Basis of the
Fossil Plants, pub. by Petroleum Inst., Acad. of
Sci USSR, 1956, p. 172-179.

DESCRIPTORS: *Petroleum, *Paleoecology, Geology,
*Plants, Sedimentation, Drilling machines, Deposits,
*Natural gas, Geochemistry, Geophysical prospecting.

Phytostratigraphic investigations of the Devonian sys-
tem on the vast territory of the Ural-Volga region and
a part of the Russian Platform yielded for the first
time complete sections both in marine and continental
facies, producing vast material on fossil plants
(Earth Sciences--Geology, TT, v. 7, no. 6) (over)

61-15893

I. Chirkova-Zaleskaya, E. F.
II. Geological Survey of
Canada

197030

Office of Technical Services

New Finds of Stephanian Flora in the Central
Tien Shan, by E. F. Chirkova-Zalesskaya and
E. I. Zubtsov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 2, 1958, pp 776-778.

4

Consultants Bureau

Sci - Geophys

Mar 59

83,055

The Ordovician region of
The Stratigraphy of the Lower Devonian Basin of
the Dnieper, by A. V. Khichinsky, E. F. Chertova-
Zalotskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIL, No 3,
1978, pp 769-772.

Consultants Bureau

Sci - Geophys

Jan 59

79,348

Chirkova-Zalozskaya, E. F.
PROBLEMS OF BIOSTRATIGRAPHY OF CONTINENTAL
DEPOSITS: ON THE AGE OF THE RED TERRACE-
NOUS DEPOSITS OF THE DEVONIAN OF SIBERIA.
16 Dec 60 [11] p.
Order from OTS or SLA \$1.60

61-15892

Trans. from mono. All-Union Paleontology Society.
Session (no. 3) 24-25 Jan 57. Transactions.

DESCRIPTORS: *Stratigraphy. *Paleontology.
Geology. *Siberia. Geologic age determination.

(Earth Sciences--Geology, TT, v. 10, no. 5)

61-15892

I. Chirkova-Zalozskaya, E. F.
II. Title: On ...
III. Geological Survey of
Canada

11-2596

Office of Technical Services

**Materials on the Lower Devonian Flora of the
Minusinsk Depression, by E. F. Chirkova-
Zalenskaya, 15 pp.**

**RUSSIAN, per, Tr Ak Nauk, Inst Geol, Vol VII,
1956, pp 60-70.**

**Library
Fisheries Res Bd of Canada
Biol Sta, St. Andrews, NB**

171, 484

Sci - Geophys

Oct 61

**A Study of the Morphology of Various Sections of the
Red Sea by the Method of Super Chromatography,
by A. A. Svirnov, E. V. Gribanov, 6 pp.**

**RUSSIAN, per, Biokhimiya, Vol XXV, No 6, 1961,
pp 1887-1893.**

Sci

201,207

Sci 62

Improving the ~~XXXXX~~ Germination of Newly
Harvested Tobacco Seed, by I. Chirkovskiy, 7 pp.

RUSSIAN, per, Tabak, ~~XXXXXX~~ Vol XX, No 4, 1959,
pp 41-43.

SLA-61-13959

Vol V, No 5
Jul 61

160,178

Transmission of Centimetric Waves on Wire-Like
Waveguides, by P. ~~Chavance~~ Chavance and B. Chiron,
5 pp.

FRENCH, per, Ann. Telecoms, Vol VIII, 1953, pp 373-
376.

AEC Tr 2821

Sci - Physics

45,100

Mar 57/CTS

Machine Tools That Exist But Cannot Be Used,
by N. Chirskov, 4 pp.

RUSSIAN, np, Leningradskaya Pravda, 26 Sep
1962, .

JPRS 16627

USSR
Econ
Sci - Engr
Dec 62

Experience at Combining Seismic Surveying and Drilling,
by M. V. Chirvinskaya, 3 pp.

RUSSIAN, per, Geolog Nefti i Gaza, Vol IV, No 3-B,
1960.

RRG

Sci

Aug 62

213,122

Hypsometry of the Basement of the Dnieper-
Donets Depression, by R. I. Andreyeva,
M. V. Chirvinskaya, 8 pp.

RUSSIAN, per, Geologiya Mfti, Vol II, No 6b,
1958, pp 55-61

Rev of Russian Geo

Sci - Geophys

May 99

86,216

News in Agricultural Science, by I. A.
Chirvinaki, 3 pp.

RUSSIAN, no par, Rostishenko, Boris I. Rostov-
skyi, Opyt v Sel'skoy Khozyaistvo, No 1, 1974,
pp 78-79.

Sol Tr Center 88 4635

Scientific - Biological
Jan 77 GWS

42,296

The First Observers of Ball Lightnings, by
P. N. Chirvinskiy, 4 pp.

RUSSIAN, per, Priroda, Vol XLIII, No 8, 1954,
pp 116.

AEC SCL-T-233

Sci - Geophys

Oct 59

*Am. Meteorol. Soc.
AT Cambridge Mass. int*

99,539

Improve the Tactical Training of Flight
Personnel, by Colonel V. Chir'yev.

RUSSIAN, d np, Krasnaya Zvezda, 5 Apr 1956.

*Aid

USSR
Military

When Aircraft Designers Do Not ~~See~~ Consult
With the Pilots, by Col V. Chir'yev

RUSSIAN, np, Krasnaya Zvezda, ^{№ 702,} 31 Aug 1956, p 2.

CIA/FDD Sum 1110

USSR
Military
NIR # 39

39,479
AF 1100030

Synthesis and IR Spectra of Some Oxygen-Containing
Organotin and Organosilicotin Compounds
By D.A. Kochkin, Yu. N. Chiradze, pp 6

RUSSIAN, per. Zhur Obshch Khimii, Vol XXXII, No 12,
1962, pp 4007-4012

CB

Sci

Oct 63

241-027

Visual Observations of Artificial Satellites Made
at Station 1122 of the "Babeş-Bolyai" University
Astronomical Observatory at Cluj in 1962, by 40
George Chis, Ioan Todorescu, et al. 24 pp.
ROMANIAN, per. Studiul Si Cercetari de Astronomie,
Vol 9, No 1, 1964, pp 113-120, PAB0021866
FTD-YY-85-848

George Chis

Sci/Aeronautics
Sep 66

311,441
999,894

Developing Hydrological Work With Great Energy;
Within Two Years There Will be Nation-Wide Report-
ing Service, by Shui-li Tien-li-pu, Chi-shu
Wei-yuan-hui.

CHINESE, per, Shui-li Shui-tien Chien-she, No 6,
1959, p 10. Call No TC 1 856.

AMS

FE - China
Econ
Dec 59

102,620

(NY-10)

The Development of Animal Production During
the People's Democratic Regime, by Gr.
Chisleanu, I. Fodor, 11 pp.

RUMANIAN, per, Probleme Zootehnice si
Veterinare, Vol XI, No 5, 1961, pp 3-9.

JPRS 10573

EEur - Rumania
Econ
Nov 61

174624

The Temperature Dependence of the Raman Effect in
Crystals, by A. I. Stekhanov, E. V. Chisler,
4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 11,
1961, pp 3514-3518.

AIP

Sov Phys - Solid State

Vol. III, No 11

Sci

Jul 62

202,888

Chemical Composition of Coal Pitch, by A. M.
Chistakov, UNCLASSIFIED

RUSSIAN, no per, Koks i Khimiya, No 2, 1957,
pp 37-41.

Co-op Tr Scheme
Tr 445

Sci - Chem
Apr 58

62,276

V. F. Chistiakov

Chromosphere Flares, 21 October 1958, by

V. F. Chistiakov.

RUSSIAN, per, Solnechnye Denny. Bulletin, No 9,
1959, pp 81-83.

*AFCL

Sept 72

Pharmacological Research About Aspirin, by A. Chistoni, F.
Lapresa.

ITALIAN, per, Archivio di Farmacologia Sperimentale e

Scienze Affini (Italy), 1909, p63-80

SIA TT-65-14334

A. Chistoni

344,811

Investigation of the Wear of Hobs in Gear-
Cutting, by E. V. Ryzhov, A. F. Chistop'yan,
3 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XL, No 8,
1960, pp 49-52.

ERAGB

Sci
Aug 61

162,994

The Length of Molecular Chain of Cis- and Trans-
Polydiene, by A. A. Chistoruzum. 4pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXXIX,
No 5, 1953, pp 999-1002.

1953 5 61

Scientific - Chemistry

CTS/DEX

4751

DSIK LLU (loan) M-782

Blood Proteases in Hyperimmune Serum Antitoxins and
Methods for Their Detection, by A. V. Beylinson,
M. P. Bobkova, K. L. Shakhnina, T. A. Vitokhina,
T. P. Blokhina, G. V. Chistoserdova, 6 pp.

RUSSIAN, per, Biokhimiya, Vol XXI, No 6, 1956,
pp 671-675.

Consultants Bureau

Sci - Med

Apr 58

61,836

CEREL 68-T-10(c)

11-8993-D

11 Dec 67

Influence of Moisture Migration on Freezing of Ground

By: L. V. CHIRKOV

From: Seasonal Melting & Freezing of Ground in the North-
East Territory of the USSR pp 77-84 (7 pp)

Russian - est for wds:

Please translate and type 1 camera ready copy. Please
ret only one copy of original and return the other.

The New Rules for Work with Radioactive Substances
and Sources of Ionizing Radiation, by S.S. Gurvits,
E.O. Chistov, ~~X~~ pp.

³
RUSSIAN, per, Zavod Lab, Vol XXVII, No 5, 1961,
pp 626-628.

ISA

194, 153

Sci
Mar 62

Production of Propionic Acid, by I. F. Chistov, A. I.
Zarakovskaya, A. G. Tarasova.

RUSSIAN, 6 x yr per, Gid i Les Prom, Vol IX, No 6,
1956, pp 13-15. CIA 0912872

USDA

Sci - Chem

53,794

Oct 57

(NY-3000)

THE KRAZ-250 TRUCK, BY N. CHISTOV, 9 PP.
RUSSIAER; ZA RULEM, NO 2, 1962, PP 15-17.

JPRS 14,46X5

USSR
ECON
SCI - ENGR
JUL 62

202,9X72

(NY-3000)

THE MODERNIZED KRAZ HEAVY-DUTY TRUCKS, BY
N. M. CHISTOV, 5 PP.

RUSSIAN, PER, ZA RULEM, NO 10, L961, P 14.

JPRS 14,465

USSR
ECON
SCI - ENGR
JUL 62

202,970